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**PARK, Eun-Duck** [KR/KR]; 4-510 Panda apt., 258  
Guwol 1-dong, Namdong-gu, Incheon-city 405-732 (KR).  
**HONG, Mi-Jeung** [KR/KR]; 140-9 Sinseong-dong,  
Yuseong-gu, Daejeon-city 305-804 (KR).

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(74) Agent: **YOU ME PATENT & LAW FIRM**; Teheran  
Bldg., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080  
(KR).

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(71) Applicant (*for all designated States except US*): **LG  
CHEM, LTD.** [KR/KR]; LG Twin Tower, Yoido-dong 20,  
Youngdungpo-ku, Seoul 150-721 (KR).

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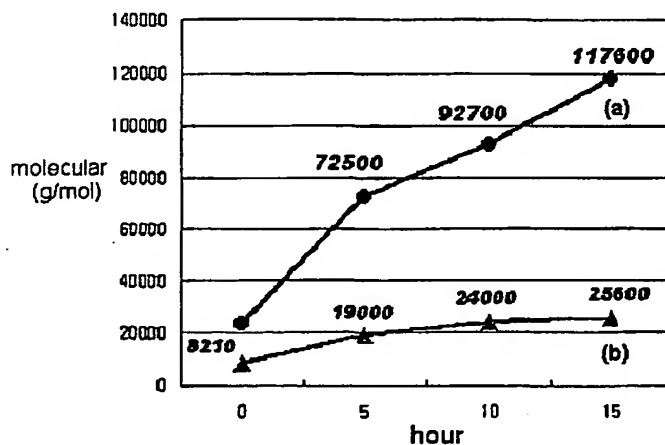
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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **KIM, Jong-Hun**  
[KR/KR]; 101-1507 Songgangcheongsol apt., 8-2 Song-  
gang-dong, Yuseong-gu, Daejeon-city 305-752 (KR).  
**WOO, Boo-Gon** [KR/KR]; 8-401 LG employee's apt.,  
Doryong-dong, Yuseong-gu, Daejeon-city 305-340 (KR).

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(54) Title: METHOD FOR PREPARING HIGH MOLECULAR WEIGHT POLYCARBONATE



(57) **Abstract:** The present invention relates to a process for preparing high molecular weight polycarbonate resin, particularly to a process for preparing high molecular weight polycarbonate resin, which conducts condensation polymerization of low molecular weight amorphous polycarbonate prepolymer prepared by transesterification of dialkyl(aryl)carbonate and aromatic hydroxy compound and solid state polymerization within short time to increase molecular weight. The present invention introduces condensation polymerization to lower mole fractions of arylcarbonate existing in unreacted diarylcarboante, end groups of reaction by products of polymerization degree less than 3, and polycarbonate prepolymer obtained by transesterification, and thus can maximize molecular weight increase of polycarbonate after solid state polymerization and remarkably reduce time required for preparing polycarbonate of the same molecular weight. In addition, since the present invention does not use toxic substance phosgene, it has no danger and it can prevent deterioration, and it can prepare high molecular weigh polycarbonate that can be used for injection and extrusion.

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